

## Aclo Accutech Polypropylene Copolymer CP0436G5M25CL Glass/Mineral Reinforced Coupled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Glass/Mineral Reinforced

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aclo-Accutech-Polypropylene-Copolymer-CP0436G5M25CL-GlassMineral-Reinforced-Coupled.php](http://www.lookpolymers.com/polymer_Aclo-Accutech-Polypropylene-Copolymer-CP0436G5M25CL-GlassMineral-Reinforced-Coupled.php)

| Physical Properties   | Metric       | English                   | Comments      |
|-----------------------|--------------|---------------------------|---------------|
| Density               | 1.11 g/cc    | 0.0401 lb/in <sup>3</sup> | ASTM D792     |
| Linear Mold Shrinkage | 0.0040 cm/cm | 0.0040 in/in              | MD; ASTM D955 |
| Melt Flow             | 7.0 g/10 min | 7.0 g/10 min              | ASTM D1238    |
| Ash                   | 30 %         | 30 %                      | ASTM D2584    |

| Mechanical Properties     | Metric     | English       | Comments  |
|---------------------------|------------|---------------|-----------|
| Hardness, Rockwell R      | 40         | 40            | ASTM D785 |
| Tensile Strength at Break | 22.0 MPa   | 3190 psi      | ASTM D638 |
| Tensile Strength, Yield   | 25.0 MPa   | 3630 psi      | ASTM D638 |
| Elongation at Break       | 8.0 %      | 8.0 %         | ASTM D638 |
| Elongation at Yield       | 3.0 %      | 3.0 %         | ASTM D638 |
| Tensile Modulus           | 2.699 GPa  | 391.5 ksi     | ASTM D638 |
| Flexural Strength         | 38.0 MPa   | 5510 psi      | ASTM D790 |
| Flexural Modulus          | 3.20 GPa   | 464 ksi       | ASTM D790 |
| Izod Impact, Notched      | 0.854 J/cm | 1.60 ft-lb/in | ASTM D256 |

| Thermal Properties                          | Metric  | English | Comments  |
|---------------------------------------------|---------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 140 °C  | 284 °F  | ASTM D648 |
| Deflection Temperature at 1.8 MPa (264 psi) | 86.1 °C | 187 °F  |           |

## Contact Songhan Plastic Technology Co.,Ltd.

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